

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau

(43) International Publication Date
15 January 2004 (15.01.2004)

PCT

(10) International Publication Number
WO 2004/005923 A1(51) International Patent Classification⁷: **G01N 33/53, 33/566, 33/574, C12Q 1/02**Pacifica, CA 94044 (US). **LICKTEIG, Kim** [US/US]; 1921 Grove Street, San Francisco, CA 94117 (US).(21) International Application Number:
PCT/US2003/021382(74) Agents: **SHAYESTEH, Laleh** et al.; Exelixis, Inc., P. O. Box 511, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).(22) International Filing Date: **9 July 2003 (09.07.2003)**

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: **English**

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(26) Publication Language: **English**(30) Priority Data:
60/394,992 10 July 2002 (10.07.2002) US
60/410,988 16 September 2002 (16.09.2002) US

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



WO 2004/005923 A1

(54) Title: RABS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE

(57) Abstract: Human RAB genes are identified as modulators of the p53 pathway, and thus are therapeutic targets for disorders associated with defective p53 function. Methods for identifying modulators of p53, comprising screening for agents that modulate the activity of RAB are provided.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21382

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/53, 33/566, 33/574; C12Q 1/02
US CL : 435/6, 7.1, 7.2, 29; 436/501, 64, 813

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/6, 7.1, 7.2, 29; 436/501, 64, 813

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MIZUTA et al. RAB22 and RAB163/Mouse BRC2: Proteins that Specifically Interact with the RAD51 Protein. Proc. Natl. Acad. Sci. USA. June 1997, Vol 94, pages 6927-6932, see entire document.	1-25
Y	US 2002/0065229 A1 (DAVIS et al.) 30 May 2002, see entire document.	1-25
Y	US 6407062 B1 (SHERR et al.) 18 June 2002, see entire document.	1-25

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See patent family annex.

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Date of the actual completion of the international search

18 November 2003 (18.11.2003)

Date of mailing of the international search report

11 DEC 2003

Name and mailing address of the ISA/US

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Form PCT/ISA/210 (second sheet) (July 1998)

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INTERNATIONAL SEARCH REPORT

PCT/US03/21382

Continuation of B. FIELDS SEARCHED Item 3:
WEST 2.1, MEDICINE/BIOTECH (COMPENDIUM databases on DIALOG) search terms: rab?, p53, ras, gtp binding, sense, antisense, nucleic?